



STATE OF UTAH CONTRACT

1. CONTRACTING PARTIES: This contract is between the following Agency of the State of Utah:

Dept. of Transportation	810	Proc./Statewide	referred to as STATE and the following:
Agency Name	Agency Code	Division	
CONTRACTOR	Interwest Safety Supply Inc		LEGAL STATUS OF CONTRACTOR
Name			<input type="checkbox"/> Sole Proprietor
P O Box 31			<input type="checkbox"/> Non-Profit Corporation
Address			<input checked="" type="checkbox"/> For-Profit Corporation
Provo	UT	84603-0031	<input type="checkbox"/> Partnership
City	State	Zip Code	<input type="checkbox"/> Government Agency
Bryce Sorenson	(801)	375-6321	
Contact Person	Phone Number		
870427710	24618A	55043000000	
Federal ID#	Vendor Number	Commodity Code(s)	

CONTRACT TYPE AND PURPOSE:

This is a requirements contract to provide the State with product and services for the repair/replacement of various crash cushion systems. A performance bond in the amount of \$50,000.00 is required

PROCUREMENT: This contract is entered into as a result of the Procurement process on bid JG4060-1,
Requisition # 810 4600000058, FY 2004, or the attached pre-approved sole source.

CONTRACT PERIOD: Effective date 01/07/04. Termination date 01/07/07, unless terminated early or
extended in accordance with the terms of this contract. Renewal Options (if any) Two one-yr renewals.

CONTRACT COSTS: CONTRACTOR will be paid a maximum of \$999,999,999.99 for costs authorized by this contract

ATTACHMENT A: Division of Purchasing's Standard Terms and Conditions.

ATTACHMENT B: Scope of Work.

ATTACHMENT C: Special Terms and Conditions.

ATTACHMENT D: Pricing.

Any conflicts between Attachment A and other Attachments will be resolved in favor of Attachment A.

DOCUMENTS INCORPORATED INTO THIS CONTRACT BY REFERENCE BUT NOT ATTACHED:

A. All other governmental laws, regulations or actions applicable to the goods and/or services authorized by this Contract.

B. Utah State Procurement Code, Procurement Rules and Contractor's responses to Bid # JG4060 dated 12/16/03.

IN WITNESS WHEREOF, the parties sign and cause this contract to be executed.

CONTRACTOR

SEE ATTACHED

Contractor's Signature
BRYCE C SORENSON

Contractor's Name
PRESIDENT

Title

STATE OF UTAH

David K. Miles, Operations Engineer

Shirley Williams, Director, Division of Purchasing

Director, Division of Finance

Debra Boulton	(801) 965-4070	(801) 965-4073	dboulton@utah.gov
Agency Contact Person	Phone Number	Fax Number	Email Address

JUL 20 2005

ENT'D MAR 01 2005

049108

MAIL TO:

Invitation to Bid

Solicitation Number: JG4060-1

STATE OF UTAH
DIVISION OF PURCHASING
3150 STATE OFFICE BUILDING, CAPITOL HILL
P.O. BOX 141061
SALT LAKE CITY, UTAH 84114-1061
TELEPHONE (801) 538-3026
<http://purchasing.utah.gov>



Due Date: 12/16/03 @ 2:00 PM

Date Sent: November 26, 2003

Goods and services to be

"IN-LIEU OF PREVIOUS BID" - REPAIR AND REPLACEMENT OF ATTENUATOR SYSTEMS

Please complete

Company Name INTERWEST SAFETY SUPPLY INC		Federal Tax Identification Number 87-0427710	
Ordering Address 724 EAST 1860 SOUTH	City PROVO	State UT	Zip Code 84606
Remittance Address (if different from ordering address) P O BOX 31	City PROVO	State UT	Zip Code 84603-0031
Type <input checked="" type="checkbox"/> Corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Proprietorship <input type="checkbox"/> Government	Company Contact Person BRYCE SORENSON		
Telephone Number (include area code) (801) 375-6321	Fax Number (include area code) (801) 377-2739		
Company's Internet Web Address www.iwsafety.com	Email Address bryce@iwsafety.com		
Discount Terms (for bid purposes, bid discounts less than 30 days will not be considered) NET 30	Days Required for Delivery After Receipt of Order (see attached for any required minimums) REPAIRS WITHIN 72 HOURS PARTS WITHIN 48 HOURS - SYSTEMS WITH 21 DAYS FROM DATE/HOUR OF NOTIFICATION		
The following documents are included in this solicitation: Solicitation forms, instructions and general provisions, and specifications. <u>Please review all documents carefully before completing.</u>			
The undersigned certifies that the goods or services offered are produced, mined, grown, manufactured, or performed in Utah. Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> . If no, enter where produced, etc. PARTS MANUFACTURED IN PELL CITY, ALABAMA SERVICES PERFORMED IN UTAH			
Offeror's Authorized Representative's Signature 		Date 12-11-2003	
Type or Print Name BRYCE C SORENSON		Position or Title PRESIDENT	

ATTACHMENT A: STANDARD TERMS AND CONDITIONS

1. **AUTHORITY:** Provisions of this contract are pursuant to the authority set forth in 63-56, Utah Code Annotated, 1953, as amended, Utah State Procurement Rules (Utah Administrative Code Section R33), and related statutes which permit the State to purchase certain specified services, and other approved purchases for the State.
2. **CONTRACT JURISDICTION, CHOICE OF LAW, AND VENUE:** The provisions of this contract shall be governed by the laws of the State of Utah. The parties will submit to the jurisdiction of the courts of the State of Utah for any dispute arising out of this Contract or the breach thereof. Venue shall be in Salt Lake City, in the Third Judicial District Court for Salt Lake County.
3. **LAWS AND REGULATIONS:** Any and all supplies, services and equipment furnished will comply fully with all applicable Federal and State laws and regulations.
4. **RECORDS ADMINISTRATION:** The Contractor shall maintain, or supervise the maintenance of all records necessary to properly account for the payments made to the Contractor for costs authorized by this contract. These records shall be retained by the Contractor for at least four years after the contract terminates, or until all audits initiated within the four years, have been completed, whichever is later. The Contractor agrees to allow State and Federal auditors, and State Agency Staff, access to all the records to this contract, for audit and inspection, and monitoring of services. Such access will be during normal business hours, or by appointment.
5. **CONFLICT OF INTEREST:** Contractor represents that none of its officers or employees are officers or employees of the State of Utah, unless disclosure has been made in accordance with 67-16-8, Utah Code Annotated, 1953, as amended.
6. **CONTRACTOR, AN INDEPENDENT CONTRACTOR:** The Contractor shall be an independent contractor, and as such, shall have no authorization, express or implied, to bind the State to any agreements, settlements, liability, or understanding whatsoever, and agrees not to perform any acts as agent for the State, except as herein expressly set forth. Compensation stated herein shall be the total amount payable to the Contractor by the State. The Contractor shall be responsible for the payment of all income tax and social security amounts due as a result of payments received from the State for these contract services. Persons employed by the State and acting under the direction of the State shall not be deemed to be employees or agents of the Contractor.
7. **INDEMNITY CLAUSE:** The Contractor agrees to indemnify, save harmless, and release the State OF UTAH, and all its officers, agents, volunteers, and employees from and against any and all loss, damages, injury, liability, suits, and proceedings arising out of the performance of this contract which are caused in whole or in part by the negligence of the Contractor's officers, agents, volunteers, or employees, but not for claims arising from the State's sole negligence.
8. **EQUAL OPPORTUNITY CLAUSE:** The Contractor agrees to abide by the provisions of Title VI and VII of the Civil Rights Act of 1964 (42USC 2000e) which prohibits discrimination against any employee or applicant for employment or any applicant or recipient of services, on the basis of race, religion, color, or national origin; and further agrees to abide by Executive Order No. 11246, as amended, which prohibits discrimination on the basis of sex; 45 CFR 90 which prohibits discrimination on the basis of age; and Section 504 of the Rehabilitation Act of 1973, or the Americans with Disabilities Act of 1990 which prohibits discrimination on the basis of disabilities. Also, the Contractor agrees to abide by Utah's Executive Order, dated March 17, 1993, which prohibits sexual harassment in the work place.
9. **SEPARABILITY CLAUSE:** A declaration by any court, or any other binding legal source, that any provision of this contract is illegal and void shall not affect the legality and enforceability of any other provision of this contract, unless the provisions are mutually dependent.
10. **RENEGOTIATION OR MODIFICATIONS:** This contract may be amended, modified, or supplemented only by written amendment to the contract, executed by the same persons or by persons holding the same position as persons who signed the original agreement on behalf of the parties hereto, and attached to the original signed copy of the contract.
11. **DEBARMENT:** The Contractor certifies that neither it nor its principals are presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction (contract), by any governmental department or agency. If the Contractor cannot certify this statement, attach a written explanation for review by the State. The Contractor must notify the State Director of Purchasing within 30 days if debarred by any governmental entity during the Contract period.
12. **TERMINATION:** Unless otherwise stated in the Special Terms and Conditions, this contract may be terminated, with cause by either party, in advance of the specified termination date, upon written notice being given by the other party. The party in violation will be given ten (10) working days after notification to correct and cease the violations, after which the contract may be terminated for cause. This contract may be terminated without cause, in advance of the specified expiration date, by either party, upon 90 days prior written notice being given the other party. On termination of this contract, all accounts and payments will be processed according to the financial arrangements set forth herein for approved services rendered to date of termination.
13. **NONAPPROPRIATION OF FUNDS:** The Contractor acknowledges that the State cannot contract for the payment of funds not yet appropriated by the Utah State Legislature. If funding to the State is reduced due to an order by the Legislature or the Governor, or is required by State law, or if federal funding (when applicable) is not provided, the State may terminate this contract or proportionately reduce the services and purchase obligations and the amount due from the State upon 30 days written notice. In the case that funds are not appropriated or are reduced, the State will reimburse Contractor for products delivered or services performed through the date of cancellation or reduction, and the State will not be liable for any future commitments, penalties, or liquidated damages.
14. **SALES TAX EXEMPTION:** The State of Utah's sales and use tax exemption number is E33399. The tangible personal property or services being purchased are being paid from State funds and used in the exercise of that entity's essential functions. If the items being purchased are construction materials, they will be converted into real property by employees of this government entity, unless otherwise stated in the contract.
15. **WARRANTY:** The contractor agrees to warrant and assume responsibility for all products (including hardware, firmware, and/or software products) that it licenses, contracts, or sells to the State of Utah under this contract for a period of one year, unless otherwise specified and mutually agreed upon elsewhere in this contract. The contractor (seller) acknowledges that all warranties granted to the buyer by the Uniform Commercial Code of the State of Utah apply to this contract. Product liability disclaimers and/or warranty disclaimers from the seller are not applicable to this contract.

unless otherwise specified and mutually agreed upon elsewhere in this contract. In general, the contractor warrants that: (1) the product will do what the salesperson said it would do, (2) the product will live up to all specific claims that the manufacturer makes in their advertisements, (3) the product will be suitable for the ordinary purposes for which such product is used, (4) the product will be suitable for any special purposes that the State has relied on the contractor's skill or judgment to consider when it advised the State about the product, (5) the product has been properly designed and manufactured, and (6) the product is free of significant defects or unusual problems about which the State has not been warned. Remedies available to the State include the following: The contractor will repair or replace (at no charge to the State) the product whose nonconformance is discovered and made known to the contractor in writing. If the repaired and/or replaced product proves to be inadequate, or fails of its essential purpose, the contractor will refund the full amount of any payments that have been made. Nothing in this warranty will be construed to limit any rights or remedies the State of Utah may otherwise have under this contract.

16. **PUBLIC INFORMATION:** Contractor agrees that the contract will be a public document, and may be available for distribution. and Contractor gives the State express permission to make copies of the contract and/or of the response to the solicitation in accordance with the State of Utah Government Records Access and Management Act. The permission to make copies as noted will take precedence over any statements of confidentiality, proprietary information, copyright information, or similar notation.
17. **DELIVERY:** Unless otherwise specified in this contract, all deliveries will be F.O.B. destination with all transportation and handling charges paid by the Contractor. Responsibility and liability for loss or damage will remain with Contractor until final inspection and acceptance when responsibility will pass to the State except as to latent defects, fraud and Contractor's warranty obligations.
18. **ORDERING AND INVOICING:** All orders will be shipped promptly in accordance with the delivery schedule. The Contractor will promptly submit invoices (within 30 days of shipment or delivery of services) to the State. The State contract number and/or the agency purchase order number shall be listed on all invoices, freight tickets, and correspondence relating to the contract order. The prices paid by the State will be those prices listed in the contract. The State has the right to adjust or return any invoice reflecting incorrect pricing.
19. **PAYMENT:** Payments are normally made within 30 days following the date the order is delivered or the date a correct invoice is received, whichever is later. All payments to the Contractor will be remitted by mail unless paid by the State of Utah's Purchasing Card.
20. **PATENTS, COPYRIGHTS, ETC.:** The Contractor will release, indemnify and hold the State, its officers, agents and employees harmless from liability of any kind or nature, including the Contractor's use of any copyrighted or un-copyrighted composition, secret process, patented or un-patented invention, article or appliance furnished or used in the performance of this contract.
21. **ASSIGNMENT/SUBCONTRACT:** Contractor will not assign, sell, transfer, subcontract or sublet rights, or delegate responsibilities under this contract, in whole or in part, without the prior written approval of the State.
22. **DEFAULT AND REMEDIES:** Any of the following events will constitute cause for the State to declare Contractor in default of the contract:
1. Nonperformance of contractual requirements; 2. A material breach of any term or condition of this contract. The State will issue a written notice of default providing a ten (10) day period in which Contractor will have an opportunity to cure. Time allowed for cure will not diminish or eliminate Contractor's liability for damages. If the default remains, after Contractor has been provided the opportunity to cure, the State may do one or more of the following: 1. Exercise any remedy provided by law; 2. Terminate this contract and any related contracts or portions thereof; 3. Impose liquidated damages, if liquidated damages are listed in the contract; 4. Suspend Contractor from receiving future solicitations.
23. **FORCE MAJEURE:** Neither party to this contract will be held responsible for delay or default caused by fire, riot, acts of God and/or war which is beyond that party's reasonable control. The State may terminate this contract after determining such delay or default will reasonably prevent successful performance of the contract.
24. **PROCUREMENT ETHICS:** The Contractor understands that a person who is interested in any way in the sale of any supplies, services, construction, or insurance to the State of Utah is violating the law if the person gives or offers to give any compensation, gratuity, contribution, loan or reward, or any promise thereof to any person acting as a procurement officer on behalf of the State, or who in any official capacity participates in the procurement of such supplies, services, construction, or insurance, whether it is given for their own use or for the use or benefit of any other person or organization (63-56-73, Utah Code Annotated, 1953, as amended).
25. **CONFLICT OF TERMS:** Contractor Terms and Conditions that apply must be in writing and attached to the contract. No other Terms and Conditions will apply to this contract including terms listed or referenced on a Contractor's website, terms listed in a Contractor quotation/sales order, etc. In the event of any conflict in the contract terms and conditions, the order of precedence shall be: 1. State Standard Terms and Conditions; 2. State Special Terms and Conditions; 3. Contractor Terms and Conditions.

(Revision date: Nov 21, 2003)

ATTACHMENT B: SCOPE OF WORK
CRASH CUSHION REPAIR/REPLACEMENT SERVICES

1. Scope. The Offeror shall supply all manpower, material, equipment and traffic control, necessary to repair/replace or remove/replace crash cushions when requested by the State. Additionally, the Offeror shall supply parts or approved crash cushion systems, as listed in the Guidelines for Crash Cushions latest edition, to the State when State forces are used to repair, replace or install crash cushions
2. **Currently approved Systems**
Type A: QuadGuard, wide systems, Energy Absorption Systems
Type B: QuadGuard, narrow systems, Energy Absorption Systems
Type C: BRAKEMASTER, Energy Absorption Systems, C.A.T. Trinity Industries,
Type D: QuadGuard Elite, QuadGuard LMC, REACT-350, Energy Absorption Systems
Type E: Sand Barrels
Type F: QuadTrend 350, Energy Absorption Systems
Type G: ET-2000/ET PLUS, Trinity Industries, Inc, SKT-350, Road System, Inc
Type H: FLEAT, Road System Inc., STR-350, SRT/HBA, Trinity Industries, Inc.
3. **Other Systems: Systems installed prior to currently approved systems, and acceptable for continued use.**
GREAT SYSTEM, Energy Absorption Systems
HEX FOAM SANDWICH SYSTEM, Energy Absorption Systems
TREND-230 SYSTEM, Energy Absorption Systems
SENTRE SYSTEM, Energy Absorption Systems
TRACC, Trinicy Industries, Inc.
‘MEDIAN BULLNOSE’, guardrail protection
4. **Replacement of the following system with an approved Type G System:**
BEST, Road System Inc.
5. **Replacement of the following systems with an approved Type H System:**
Eccentric Loader Terminal (ELT)
Modified Eccentric Loader Terminal (MELT)
“TEXAS” turndown guardrail end sections
6. Repair/replace systems listed above to meet the manufacturer’s and UDOT’s minimum specification for proper operation, or supply systems and/or parts to be used by State Forces.
7. Materials used for repair and/or replacement will be produced by the manufacturer of the system. Materials ordered by the State, for system repair by State Forces, will be produced by the manufacturer of the system. Delivery and shipping terms of State ordered materials will be F.O.B. to the destination.

8. Mobilization will be paid for work performed greater than 100 miles from the Contractor's main place of business located in the state of Utah.
9. Repairs will be scheduled and completed within 72 hours of notification. **Ordered parts will be delivered within 48 hours of request. Complete system orders will be delivered within 21 days of request. Time does not include holidays and weekends.**
10. Working hours will be specified by UDOT Region Representatives, so that the work does not interfere with normal peak hour traffic, in the metropolitan areas.
11. Contractor is responsible to have General Contractors License.
12. One of the Contractor's or Contractor/Supplier employees, on site and doing the installation or repair of the contracted crash cushion systems will have a UDOT or manufacturers certification indicating they have attended and passed an examination for the installation, maintenance and repair of contracted crash cushion systems. Certification to be obtained at no cost to the State.
13. One of the Contractor's or Contractor/Supplier employees on site and doing the installation or repair of the contracted crash cushion systems will have a Traffic Control Maintainer Certification as required under UDOT Standard Specifications, Section 01554, Part 1, Article 1.7. Certification to be obtained at no cost to the State.
14. Contractor or Contractor/Supplier will supply required traffic control. The Traffic Control Maintainer will be responsible for the Traffic Control Plan, setup and maintenance of all traffic control devices. Traffic Control Plan will be on site prior to traffic control setup and remain on site until completion of work. Traffic control will comply with the requirements of UDOT Standard Specification Section 01554, UDOT Standard Drawings TC Series, available on the web or from the Division of Traffic & Safety, and the Manual of Uniform Traffic Control Device, Part VI. When Flaggers are required they will be certified.
15. Contractor will supply a properly rated construction zone crash cushion or Truck Mounted Attenuator (TMA) to protect the hazard no later than 12 hours after notification of incident if repairs cannot be completed within 12 hours of notification.
16. All repairs will be inspected and quantities verified by UDOT region representatives.

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**ATTACHMENT ~~B~~: SPECIAL TERMS AND CONDITIONS
CRASH CUSHION REPAIR/REPLACEMENT SERVICES**

1. **CONTRACT ACCEPTANCE:** At the time the bid is signed by the Bidder, the signature of that Bidder will be used as a legally binding signature if awarded this contract. When signed by the Division of Purchasing and a Utah Department of Transportation representative and assigned a contract number, this document will become a legally binding contract with the Bidder for the contract period specified.
2. **QUANTITY OR AMOUNT ESTIMATES:** The State does not guarantee specific purchase amount.
3. **WAGES:** The Contractor shall be responsible for all applicable company wages in accordance with the Federal, State and local laws and ordinances.
4. **INSURANCE:** The Contractor shall maintain, during the life of this contract, complete Owner's Protective Liability Insurance in the following amounts:

\$250,000 for bodily injury

\$500,000 for each accident occurrence

\$100,000 for property damage

If the Contractor cannot obtain this insurance, the Contractor shall provide a policy with a minimum of \$1,000,000 in the aggregate.
- 2 This certificate shall state that no cancellation or decrease in coverage shall be made with out giving the State at least 30 days prior written notice.
5. **PRICING:** The Contractor, Supplier, or Contractor/Supplier agrees that the prices bid on services in this contract will be guaranteed for a period of three years.

ANY CHANGE REQUEST ON PRICES MUST GUARANTEE THE PRICE FOR THE SAME LENGTH OF TIME AS INDICATED ABOVE AND MUST BE MADE AT LEAST THIRTY (30) DAYS PRIOR TO THE REQUESTED EFFECTIVE DATE. ANY REQUEST FOR CHANGE ON PRICES OR SPECIFICATIONS MUST INCLUDE SUFFICIENT DOCUMENTATION SUPPORTING THE REQUEST. REQUESTS FOR CHANGE ON PRICES OR SPECIFICATIONS SHALL NOT BE EFFECTIVE UNTIL IT IS APPROVED BY THE PROCUREMENT SUPERVISOR OR THE PROCUREMENT MANAGER OF TRANSPORTATION.

6. **INVOICING** The Contractor shall submit invoices to the appropriate Region/District ordering the services.
7. **COMPLETE CONTRACT** This contract is intended by the parties as a final expression of their agreement, and supersedes all prior communications, representations and agreement, oral and written, between the parties with respect to the subject matter contained herein. The parties also intend this contract to be a complete and exclusive statement of the terms of their agreement. This contract may not be modified or terminated orally, and no claimed modification, remission or waiver shall be binding on the STATE unless in writing, signed by a duly authorized representative of the STATE.

**Type A: QuadGuard
Wide Systems,
Energy Absorption Systems**

**QUADGUARD 69"/90" SYSTEMS w/ BELT NOSE
Tension Strut Backup, and Transition**

<u>Model/Part#</u>	<u>Product/Description</u>	<u>Price/Each</u>
QS6903 G or Y	QuadGuard, 69" Wide, 3 - Bay (Gray or Yellow)	\$12,948.00
QS6904 G or Y	QuadGuard, 69" Wide, 4 - Bay (Gray or Yellow)	\$15,581.00
QS6905 G or Y	QuadGuard, 69" Wide, 5 - Bay (Gray or Yellow)	\$18,148.00
QS6906 G or Y	QuadGuard, 69" Wide, 6 - Bay (Gray or Yellow)	\$20,826.00
QS6907 G or Y	QuadGuard, 69" Wide, 7 - Bay (Gray or Yellow)	\$23,647.00
QS6908 G or Y	QuadGuard, 69" Wide, 8 - Bay (Gray or Yellow)	\$26,078.00
QS6909 G or Y	QuadGuard, 69" Wide, 9 - Bay (Gray or Yellow)	\$28,496.00
QS9003 G or Y	QuadGuard, 90" Wide, 3 - Bay, (Gray or Yellow)	\$13,806.00
QS9004 G or Y	QuadGuard, 90" Wide, 4 - Bay, (Gray or Yellow)	\$16,406.00
QS9005 G or Y	QuadGuard, 90" Wide, 5 - Bay, (Gray or Yellow)	\$19,071.00
QS9006 G or Y	QuadGuard, 90" Wide, 6 - Bay, (Gray or Yellow)	\$21,918.00
QS9007 G or Y	QuadGuard, 90" Wide, 7 - Bay, (Gray or Yellow)	\$25,142.00
QS9008 G or Y	QuadGuard, 90" Wide, 8 - Bay, (Gray or Yellow)	\$27,521.00
QS9009 G or Y	QuadGuard, 90" Wide, 9 - Bay, (Gray or Yellow)	\$29,991.00

<u>Model/Part#</u>	<u>Product/Description</u>	<u>Price/Each</u>
	<u>BACKUPS ASSEMBLY</u>	
3540401-0000	Concrete Backup 69"	\$1,625.00
3540402-0000	Concrete Backup 90"	\$1,768.00
3540391-0000	Tension Strut Backup 69"	\$2,509.00
3540392-0000	Tension Strut Backup 90"	\$2,652.00
	<u>Flex Belt Nose Assembly</u>	
3540505-0000	Belt Nose Assy. 90" (8 & 9 Bays) Gray, QG	\$1,781.00
3540505-0100	Belt Nose Assy. 90" (8 & 9 Bays) Yellow, QG	\$1,781.00
3540506-0000	Belt Nose Assy. 69" (3-9 Bays) or 90" (3-7 Bays) Gray, QG	\$1,781.00
3540506-0100	Belt Nose Assy. 69" (3-9 Bays) or 90" (3-7 Bays) Yellow, QG	\$1,781.00
3540507-0000	Belt Nose Assy. 90" 11 Bay, Gray	\$1,781.00
3540507-0100	Belt Nose Assy. 90" 11 Bay, Yellow	\$1,781.00
3540508-0000	Belt Nose Assy. 90" 10 Bay, Gray	\$1,781.00
3540508-0100	Belt Nose Assy. 90" 10 Bay, Yellow	\$1,781.00
	<u>Panels</u>	
3540150-0000	End Shoe, Quad Beam	\$338.00
3540458-0000	Transition Assy. Side Panel, End Shoe	\$884.00
3540370-0000	Fender panel Assembly, Quad Beam F/69"/90"	\$650.00
3540211-0000	Trans. Panel, Quad - W Beam, F/Tens. Strut B/U ,69/90	\$871.00
3540212-0000	Trans. Panel, Quad - W Beam F/Conc, B/U ,69/90	\$650.00
3540221-0000	Trans. Panel, Quad - Thrie, F/Tens. Strut B/U ,69/90	\$676.00
3540222-0000	Trans. Panel, Quad - Thrie F/Conc. B/U ,69/90	\$884.00
354042L-0000	Trans. Panel Assy., 4" Offset, Left, F/ 69/ 90"	\$650.00
354042R-0000	Trans. Panel Assy., 4" Offset, Right, F/ 69/ 90"	\$650.00
2708841-0000	Washer, Mushroom, Forged, QG, G	\$31.20
2706605-0000	Screw Flat, 5/8" x 8-1/2" Hex	\$13.00
2715044-0000	Spring Die 1-1/2" OD	\$28.60
2704191-0000	Nut, Hex, 5/8", G Rail	\$1.50

<u>Model/Part#</u>	<u>Product/Description</u>	<u>Price/Each</u>
2760573-0000	Universal Hinge Plate (replaces 2760435-0000)	\$57.20
	<u>DIAPHRAGM ASSEMBLIES</u>	
3540340-0673	Diaphragm Assy, QG, 673MM	\$1,040.00
3540340-0753	Diaphragm Assy, QG, 753MM	\$1,066.00
3540340-0833	Diaphragm Assy, QG, 833MM	\$1,092.00
3540340-0913	Diaphragm Assy, QG, 913MM	\$1,144.00
3540340-0993	Diaphragm Assy, QG, 993MM	\$1,170.00
3540340-1073	Diaphragm Assy, QG, 1073MM	\$1,235.00
3540340-1153	Diaphragm Assy, QG, 1153MM	\$1,261.00
3540340-1233	Diaphragm Assy, QG, 1233MM	\$1,274.00
3540340-1273	Diaphragm Assy, QG, 1273MM	\$1,300.00
3540340-1313	Diaphragm Assy, QG, 1313MM	\$1,313.00
3540340-1393	Diaphragm Assy, QG, 1393MM	\$1,326.00
3540340-1473	Diaphragm Assy, QG, 1473MM	\$1,339.00
3540340-1513	Diaphragm Assy, QG, 1513MM	\$1,352.00
3540340-1553	Diaphragm Assy, QG, 1553MM	\$1,365.00
3540340-1633	Diaphragm Assy, QG, 1633MM	\$1,404.00
3540340-1729	Diaphragm Assy, QG, 1729MM	\$1,443.00
3540340-1793	Diaphragm Assy, QG, 1793MM	\$1,469.00
3540340-1873	Diaphragm Assy, QG, 1873MM	\$1,495.00
3540340-1953	Diaphragm Assy, QG, 1953MM	\$1,521.00
3540340-2033	Diaphragm Assy, QG, 2033MM	\$1,547.00

**Type B: QuadGuard
Narrow Systems,
Energy Absorption Systems**

**QUADGUARD SYSTEM w/ BELT NOSE,
Tension Strut Backup, and Transition**

<u>Model/Part#</u>	<u>Product/Description</u>	<u>Price/Each</u>
QS2401 G or Y	QuadGuard, 2'0" Wide, 1 Bay, (Gray or Yellow)	\$6,864.00
QS3001 G or Y	QuadGuard, 2'6" Wide, 1 Bay, (Gray or Yellow)	\$7,001.00
QS3601 G or Y	QuadGuard, 3'0" Wide, 1 Bay, (Gray or Yellow)	\$7,150.00
QS2402 G or Y	QuadGuard, 2'0" Wide, 2 Bay, (Gray or Yellow)	\$9,386.00
QS3002 G or Y	QuadGuard, 2'6" Wide, 2 Bay, (Gray or Yellow)	\$9,594.00
QS3602 G or Y	QuadGuard, 3'0" Wide, 2 Bay, (Gray or Yellow)	\$9,815.00
QS2403 G or Y	QuadGuard, 2'0" Wide, 3 Bay, (Gray or Yellow)	\$11,063.00
QS3003 G or Y	QuadGuard, 2'6" Wide, 3 Bay, (Gray or Yellow)	\$11,271.00
QS3603 G or Y	QuadGuard, 3'0" Wide, 3 Bay, (Gray or Yellow)	\$11,778.00
QS2404 G or Y	QuadGuard, 2'0" Wide, 4 Bay, (Gray or Yellow)	\$14,079.00
QS3004 G or Y	QuadGuard, 2'6" Wide, 4 Bay, (Gray or Yellow)	\$14,443.00
QS3604 G or Y	QuadGuard, 3'0" Wide, 4 Bay, (Gray or Yellow)	\$14,820.00
QS2405 G or Y	QuadGuard, 2'0" Wide, 5 Bay, (Gray or Yellow)	\$16,003.00
QS3005 G or Y	QuadGuard, 2'6" Wide, 5 Bay, (Gray or Yellow)	\$16,354.00
QS3605 G or Y	QuadGuard, 3'0" Wide, 5 Bay, (Gray or Yellow)	\$16,718.00
QS2406 G or Y	QuadGuard, 2'0" Wide, 6 Bay, (Gray or Yellow)	\$18,031.00
QS3006 G or Y	QuadGuard, 2'6" Wide, 6 Bay, (Gray or Yellow)	\$18,525.00
QS3606 G or Y	QuadGuard, 3'0" Wide, 6 Bay, (Gray or Yellow)	\$19,032.00
QS2407 G or Y	QuadGuard, 2'0" Wide, 7 Bay, (Gray or Yellow)	\$21,593.00
QS3007 G or Y	QuadGuard, 2'6" Wide, 7 Bay, (Gray or Yellow)	\$22,074.00
QS3607 G or Y	QuadGuard, 3'0" Wide, 7 Bay, (Gray or Yellow)	\$22,724.00
QS2408 G or Y	QuadGuard, 2'0" Wide, 8 Bay, (Gray or Yellow)	\$24,089.00
QS3008 G or Y	QuadGuard, 2'6" Wide, 8 Bay, (Gray or Yellow)	\$24,752.00
QS3608 G or Y	QuadGuard, 3'0" Wide, 8 Bay, (Gray or Yellow)	\$25,428.00
QS2409 G or Y	QuadGuard, 2'0" Wide, 9 Bay, (Gray or Yellow)	\$26,715.00
QS3009 G or Y	QuadGuard, 2'6" Wide, 9 Bay, (Gray or Yellow)	\$27,404.00
QS3609 G or Y	QuadGuard, 3'0" Wide, 9 Bay, (Gray or Yellow)	\$28,210.00

QUADGUARD - MONORAILS & PARTS

<u>Model/Part#</u>	<u>Product/Description</u>	<u>Price/Each</u>
<u>PERMANENT NOSE ASSEMBLY (Plastic)</u>		
3540050-0000	Plastic Nose Assembly, Gray, QG	\$637.00
3540050-0100	Plastic Nose Assembly, Yellow, QG	\$637.00
<u>PERMANENT NOSE ASSEMBLY (Flex Belt)</u>		
3540499-0000	Belt Nose Assy. 24", 30", Gray Permanent QG	\$1,703.00
3540499-0100	Belt Nose Assy. 24", 30", Yellow Permanent QG	\$1,703.00
3540498-0000	Belt Nose Assy. 36", Gray Permanent QG	\$1,703.00
3540498-0100	Belt Nose Assy. 36", Yellow Permanent QG	\$1,703.00
<u>MONORAILS</u>		
3540060-0300	Monorail Assembly, 3 - Bay, QG	\$1,313.00
3540060-0400	Monorail Assembly, 4 - Bay, QG	\$1,768.00
3540060-0500	Monorail Assembly, 5 - Bay, QG	\$2,366.00
3540060-0600	Monorail Assembly, 6 - Bay, QG	\$2,951.00
3540060-0700	Monorail Assembly, 7 - Bay, QG	\$3,380.00
3540060-0800	Monorail Assembly, 8 - Bay, QG	\$3,978.00
3540060-0900	Monorail Assembly, 9 - Bay, QG	\$4,407.00
2760051-0000	Monorail, 1 - Bay, QG, G	\$442.00
2760061-0000	Monorail, 2 - Bay, QG, G	\$884.00
2760071-0000	Monorail, 3 - Bay, QG, G	\$1,183.00
2760041-0000	Endcap, Monorail, QG, G	\$65.00
2760091-0000	Monorail Guide, QG, G	\$78.00
<u>CARTRIDGES</u>		
3540010-0000	Cartridge Assembly, Type I, QG	\$689.00
3540020-0000	Cartridge Assembly, Type II, QG	\$728.00
<u>DIAPHRAGMS</u>		
3540071-0000	Diaphragm Assy, Quad Beam, 24" Wide	\$806.00
3540072-0000	Diaphragm Assy, Quad Beam, 30" Wide	\$884.00
3540073-0000	Diaphragm Assy, Quad Beam, 36" Wide	\$949.00
<u>PANELS</u>		
3540040-0000	Fender Panel Assembly, Quad Beam	\$572.00
3540150-0000	End Shoe, Quad Beam	\$338.00
3540458-0000	Transition Assy, Side Panel, End Shoe (approx. 3' Long Extension panel)	\$884.00
354018L-0000	Trans. Panel Assy., 4" Offset, Left	\$650.00
354018R-0000	Trans. Panel Assy., 4" Offset, Right	\$650.00
354029L-0000	Trans. Panel Assy., 9" Offset, Left	\$884.00
354029R-0000	Trans. Panel Assy., 9" Offset, Right	\$884.00

<u>Model/Part#</u>	<u>Product/Description</u>	<u>Price/Each</u>
	BACKUPS	
3540031-0000	Backup Assembly, Tension Strut, 24" Wide	\$2,067.00
3540032-0000	Backup Assembly, Tension Strut, 30" Wide	\$2,132.00
3540033-0000	Backup Assembly, Tension Strut, 36" Wide	\$2,210.00
3540141-0000	Backup Assembly, Concrete, 24" Wide	\$1,183.00
3540142-0000	Backup Assembly, Concrete, 30" Wide	\$1,248.00
3540143-0000	Backup Assembly, Concrete, 36" Wide	\$1,326.00
3540200-0000	Deflector Retrofit Assy., F/Con. B-up QG	\$338.00

QUADGUARD PARTS

<u>Model/Part#</u>	<u>Product/Description</u>	<u>Price/Each</u>
354021N-0000	Trans. Panel, Quad to W-Beam, 24"	\$884.00
354021M-0000	Trans. Panel, Quad to W-Beam, 30"	\$884.00
354021W-0000	Trans. Panel, Quad to W-Beam, 36"	\$884.00
354022N-0000	Trans. Panel, Quad to Thrie Beam, 24"	\$884.00
354022M-0000	Trans. Panel, Quad to Thrie Beam, 30"	\$884.00
354022W-0000	Trans. Panel, Quad to Thrie Beam, 36"	\$884.00
2760141-0000	Panel, Side F/Steel & Concrete Backups	\$78.00
	<u>Miscellaneous</u>	
2699121-0000	Bolt, Hex, 3/4" x 2", G8, G	\$3.90
2699341-0000	Bolt, Rail, 5/8", G	\$2.60
2699571-0000	Bolt, Hex, 5/8" x 3-1/2", G5, G	\$2.60
2701021-0000	Bolt, Hex, 3/8" x 1-1/2", G2, G	\$0.00
2704031-0000	Nut, Hex, 3/8", G	\$0.00
2704191-0000	Nut, Hex, 5/8", G Rail	\$1.30
2704341-0000	Hex Nut, 3/4", G, GR DH	\$2.60
2708021-0000	Washer, Flat, 3/8" x 1", G	\$1.30
2708231-0000	Washer, Lock, 5/8", G	\$0.00
2715044-0000	Spring Die, 1-1/2 OD x 3/4"x6, F/69"/90" QG	\$28.60
2760091-0000	Monorail Guide, QG, G	\$74.10
2760251-0000	Pull out, Bracket	\$11.70
2760292-0000	Cartridge Support Bracket - Diaphragm	\$33.80
2760293-0000	Cartridge Support Bracket - Tension Strut Backup	\$36.40
3525130-0000	Anchor, MP-3 Kit, 3/4"x 6-1/2", G5, Horiz	\$169.00
3525300-0000	Anchor, MP-3 Kit, 3/4"x 7", G5, Vert.	\$143.00
2706604-0000	Screw Flat 5/8" x 5" G8, Hex Socket	\$10.40
2708291-0000	Washer, Flat, 5/8" x 1-3/4", G	\$1.30
2708841-0000	Washer, Mushroom, Forged, QG, G	\$31.20
2021611-0000	Elastomeric Bushing	\$5.20
2704141-0000	Nut, Hex, 5/8", G	\$0.60

Type C: Brakemaster

Energy Absorption Systems

Brakemaster System

<u>Model/Part#</u>	<u>Product/ Description</u>	<u>Price/Each</u>
106106BRS5	Brakemaster System, ("350") Complete	\$6,836.00

<u>Model/Part#</u>	<u>Product/Description</u>	<u>Price/Each</u>
	Brakemaster System Parts	
	<u>Anchor Assembly</u>	
9202010-0000	Anchor Assembly, Embedded	\$809.00
9202024-0000	Anchor Assembly, Driveable	\$809.00
	<u>DPA Anchor Assembly</u>	
9202071-0000	Anchor, DPA, BRS	\$1,939.00
9202072-0000	Anchors. DPA, BRS without Cap Installation	\$1,828.00
9202981-0000	Cap, Installation, DPA, BRS	\$98.00
	<u>Breakaway Assembly</u>	
9204010-0000	Breakaway Assembly	\$237.00
9204021-0000	Nose, BRS	\$70.00
9204031-0000	Breakaway Arm	\$126.00
2699272-0500	Rod, Threaded, 7/8"x28"	\$42.00
	<u>Brake Tension Support Assembly</u>	
9206010-0000	Brake/Tension Support System Assembly	\$1,033.00
9206021-0000	Brake Tension Support	\$768.00
9212021-0000	Panel Fender, BRS	\$140.00
	<u>Cable and Brake Assembly</u>	
9208010-0000	Cable and Brake Assembly	\$2,972.00
	<u>Diaphragm Assembly</u>	
9210011-0000	Diaphragm Assembly	\$126.00
	<u>Fender Panel/Strap Assembly</u>	
9212010-0000	Fender Panel/Strap Assembly	\$182.00
9212021-0000	Panel, Fender, BRS	\$140.00
9216021-0000	Strap, Laminated w/ Decal	\$56.00

<u>Model/Part#</u>	<u>Product/ Description</u>	<u>Price/Each</u>
	<u>TRANSITION STRAP ASSEMBLY</u>	
9214010-0000	Transition Strap Assembly	\$684.00
9214021-0000	Strap, Transition w/ Decal	\$502.00
9218011-0000	Strap, Solid w/ Decal	\$42.00
9212021-0000	Panel, Fender, BRS	\$140.00
9204010-0000	Breakaway Assembly	\$238.00
9208010-0000	Cable/Brake Assembly	\$2,972.00
9210011-0000	Diaphragm Assembly	\$126.00
9212010-0000	Panel Strap Assembly	\$182.00
9214010-0000	Transition Strap Assembly	\$684.00

**Type D" QuadGuard Elite
QuadGuard LMC, React 350
Energy Absorption Systems**

QUADGUARD ELITE 24", 30", 36" SYSTEMS
w/ Belt Nose, Tension Strut Backup and Transition

<u>Model/Part#</u>	<u>Product/Description</u>	<u>Price/Each</u>
QS2407E G or Y	QuadGuard, ELITE 2'0" Wide 7 Bay (Gray or Yellow)	\$26,871.00
QS3007E G or Y	QuadGuard, ELITE 2'6" Wide 7 Bay (Gray or Yellow)	\$27,586.00
QS3607E G or Y	QuadGuard, ELITE 3'0" Wide 7 Bay (Gray or Yellow)	\$28,314.00
QS2411E G or Y	QuadGuard, ELITE 2'0" Wide 11 Bay (Gray or Yellow)	\$34,021.00
QS3011E G or Y	QuadGuard, ELITE 2'6" Wide 11 Bay (Gray or Yellow)	\$34,736.00
QS3611E G or Y	QuadGuard, ELITE 3'0" Wide 11 Bay (Gray or Yellow)	\$35,724.00
QS2414E G or Y	QuadGuard, ELITE 2'0" Wide 14 Bay (Gray or Yellow)	\$46,631.00
QS3014E G or Y	QuadGuard, ELITE 2'6" Wide 14 Bay (Gray or Yellow)	\$47,606.00
QS3614E G or Y	QuadGuard, ELITE 3'0" Wide 14 Bay (Gray or Yellow)	\$48,724.00

QuadGuard ELITE Parts 24", 30", 36"

<u>Model/Parts#</u>	<u>Product/Description</u>	<u>Price/Each</u>
<u>Backups</u>		
3540484-0000	Backup Assembly, Tension Strut, 24" Wide, Elite	\$2,067.00
3540485-0000	Backup Assembly, Tension Strut, 30" Wide, Elite	\$2,132.00
3540486-0000	Backup Assembly, Tension Strut, 36" Wide, Elite	\$2,210.00
<u>Narrow Nose Assembly</u>		
3540495-0000	Elite Belt Nose Assy., 24" & 30", Gray	\$2,990.00
3540495-0100	Elite Belt Nose Assy., 24" & 30", Yellow	\$2,990.00
3540504-0000	Elite Belt Nose Assy., 36", Gray	\$2,990.00
3540504-0100	Elite Belt Nose Assy., 36", Yellow	\$2,990.00
<u>Cylinder Assembly</u>		
3540480-0000	Cylinder Assy, Elite, QE1	\$1,924.00
3540479-0000	Cylinder Assy, Elite, QE2	\$2,652.00
<u>Panels</u>		
3540472-0000	Fender Panel Assy., QG, LMC/QGE, 69/90	\$728.00
<u>Diaphragms</u>		
3540487-0000	QuadGuard Elite, Diaphragm, 24"	\$949.00
3540488-0000	QuadGuard Elite, Diaphragm, 30"	\$1,027.00
3540489-0000	QuadGuard Elite, Diaphragm, 36"	\$1,105.00

QUADGUARD ELITE 69" & 90"
SYSTEMS
w/ Belt Nose, Tension Strut Backup
and Transition

<u>Model/Part#</u>	<u>Product/Description</u>	<u>Price/Each</u>
QS6907E G or Y	QuadGuard, ELITE 69" Wide, 7 Bay (Gray or Yellow)	\$33,423.00
QS6911E G or Y	QuadGuard, ELITE 69" Wide, 11 Bay (Gray or Yellow)	\$46,163.00
QS9007E G or Y	QuadGuard, ELITE 90" Wide, 7 Bay (Gray or Yellow)	\$39,286.00
QS9011E G or Y	QuadGuard, ELITE 90" Wide, 11 Bay (Gray or Yellow)	\$49,166.00

QuadGuard ELITE 69" & 90" Parts

<u>Model/Part#</u>	<u>Product/Description</u>	<u>Price/Each</u>
	<u>Backups</u>	
3540396-0000	Backup Assembly, Tension Strut 69" Wide, Elite	\$2,509.00
3540397-0000	Backup Assembly, Tension Strut 90" Wide, Elite	\$2,652.00
	<u>Wide Nose Assembly</u>	
3540502-0000	Elite Belt Nose Assy., 69" 7 Bay, Gray	\$3,276.00
3540502-0100	Elite Belt Nose Assy., 69" 7 Bay, Yellow	\$3,276.00
3540496-0000	Elite Belt Nose Assy., 69" 11 Bay, Gray	\$3,276.00
3540496-0100	Elite Belt Nose Assy., 69" 11 Bay, Yellow	\$3,276.00
3540503-0000	Elite Belt Nose Assy., 90" 7 Bay, Gray	\$3,276.00
3540503-0000	Elite Belt Nose Assy., 90" 7 Bay, Yellow	\$3,276.00
3540497-0000	Elite Belt Nose Assy., 90" 11 Bay, Gray	\$3,276.00
3540497-0100	Elite Belt Nose Assy., 90" 11 Bay, Yellow	\$3,276.00
	<u>Cylinder Assembly</u>	
3540480-0000	Cylinder Assy., Elite QE1	\$1,924.00
3540479-0000	Cylinder Assy., Elite QE2	\$2,652.00
	<u>Panels</u>	
3540472-0000	Fender Panel Assy., QG, LMC/QGE, 69/90	\$728.00
	<u>7 Bay Elite, 69" System, Diaphragms</u>	
3540501-1073	Diaphragm Assembly, QG Elite, 1073MM	\$1,391.00
3540501-1153	Diaphragm Assembly, QG Elite, 1153MM	\$1,404.00
3540501-1233	Diaphragm Assembly, QG Elite, 1233MM	\$1,443.00
3540342-1313	Diaphragm Assembly, QG Elite/LMC, 1313MM	\$1,482.00
3540342-1393	Diaphragm Assembly, QG Elite, 1393MM	\$1,469.00
3540342-1473	Diaphragm Assembly, QG Elite, 1473MM	\$1,495.00
3540342-1553	Diaphragm Assembly, QG Elite, 1553MM	\$1,521.00
	<u>7 Bay Elite, 90" System, Diaphragms</u>	
3540501-0993	Diaphragm Assembly, QG Elite/LMC, 993MM	\$1,313.00
3540501-1153	Diaphragm Assembly, QG Elite, 1153MM	\$1,404.00
3540342-1313	Diaphragm Assembly, QG Elite/LMC, 1313MM	\$1,482.00
3540342-1473	Diaphragm Assembly, QG Elite, 1473MM	\$1,495.00
3540342-1633	Diaphragm Assembly, QG Elite, 1633MM	\$1,560.00
3540342-1793	Diaphragm Assembly, QG Elite, 1793MM	\$1,625.00
3540342-1953	Diaphragm Assembly, QG Elite, 1953MM	\$1,664.00

QUADGUARD ELITE 69" & 90" PARTS

<u>Model/Part#</u>	<u>Product/Description</u>	<u>Price/Each</u>
<u>11 Bay Elite System, Diaphragms</u>		
3540501-0753	Diaphragm Assembly, QG Elite, 753MM	\$1,209.00
3540501-0833	Diaphragm Assembly, QG Elite, 833MM	\$1,235.00
3540501-0913	Diaphragm Assembly, QG Elite, 913MM	\$1,274.00
3540501-0993	Diaphragm Assembly, QG Elite/LMC, 993MM	\$1,313.00
3540342-1073	Diaphragm Assembly, QG Elite/LMC, 1073MM	\$1,404.00
3540342-1153	Diaphragm Assembly, QG Elite/LMC, 1153MM	\$1,417.00
3540342-1233	Diaphragm Assembly, QG Elite/LMC, 1233MM	\$1,443.00
3540342-1313	Diaphragm Assembly, QG Elite/LMC, 1313MM	\$1,482.00
3540342-1393	Diaphragm Assembly, QG Elite/LMC, 1393MM	\$1,495.00
3540342-1473	Diaphragm Assembly, QG Elite/LMC, 1473MM	\$1,508.00
3540342-1553	Diaphragm Assembly, QG Elite/LMC, 1553MM	\$1,521.00
<u>11 Bay Elite, 90" System, Diaphragms</u>		
3540501-1233	Diaphragm Assembly, QG Elite, 1233MM	\$1,443.00
3540501-1313	Diaphragm Assembly, QG Elite, 1313MM	\$1,482.00
3540501-1393	Diaphragm Assembly, QG Elite, 1393MM	\$1,495.00
3540342-1473	Diaphragm Assembly, QG Elite/LMC, 1473MM	\$1,508.00
3540342-1553	Diaphragm Assembly, QG Elite/LMC, 1553MM	\$1,521.00
3540342-1633	Diaphragm Assembly, QG Elite/LMC, 1633MM	\$1,560.00
3540342-1729	Diaphragm Assembly, QG Elite/LMC, 1729MM	\$1,599.00
3540342-1793	Diaphragm Assembly, QG Elite/LMC, 1793MM	\$1,625.00
3540342-1873	Diaphragm Assembly, QG Elite/LMC, 1873MM	\$1,651.00
3540342-1953	Diaphragm Assembly, QG Elite/LMC, 1953MM	\$1,664.00
3540342-2033	Diaphragm Assembly, QG Elite/LMC, 2033MM	\$1,690.00

QUADGUARD LMC SYSTEMS
w/ Belt Nose, Tension Strut Backup,
and Transition

<u>Model/Part#</u>	<u>Product/Description</u>	<u>Price/Each</u>
QS3611L G or Y	Quadguard LMC 36", Wide	\$51,220.00
QS6911L G or Y	Quadguard LMC 69", Wide	\$57,213.00
QS9011L G or Y	Quadguard LMC 90", Wide	\$62,946.00

QUADGUARD LMC PARTS

<u>Model/Part#</u>	<u>Product/ Description</u>	<u>Price/Each</u>
	Monorails	
3540060-1000	Monorail Assembly, 10 Bay, QG	\$4,979.00
2760071-0000	Monorail 3 Bay. QG	\$1,183.00
	<u>Miscellaneous</u>	
2760505-0000	Plate Clamp, Outer Cylinder, G	\$57.20
2760506-0000	Plate Clamp, spacer outer cylinder G-Spacer, Bay 1, 2, & 3 (2REQ)	\$160.00
2753091-0000	Plate Clamp, inner cylinder, G (2REQ)	\$17.00
2698223-0000	Rod threaded, 1/2 x 7, G5, G	\$6.50
2699171-0000	Rod threaded, 1/2 x 5 3/4, G5, G	\$5.20
2699161-0000	Rod threaded, 1/2 x 10 1/4, G5, G	\$9.10
2699181-0000	Rod threaded, 1/2 x 13, G5, G	\$10.40
2699191-0000	Rod threaded, 1/2 x 15 3/4, G5, G	\$11.70
2699391-0000	Rod threaded, 1/2 x 9, G5, G	\$6.50
3540455-0000	Chain Assembly, 5-11, 36"	\$57.20
2760504-0000	Clamp, Belt, LMC	\$20.80
2021482-0000	Nose Support, LMA	\$115.00
2753301-0000	Leg Nose Support, LMA	\$40.30
2753071-0000	Plate, Nose Cylinder, G	\$14.30
2760251-0000	Bracket, Pull out, QG	\$11.70
2760507-0000	Shim, Nose Clamp, G	\$5.20
2704011-0000	Nut, Hx, 1/2, G	\$1.30
2704851-0000	Nut, Hx, Coupling 5/8 - 11 x 2 1/8, G	\$5.20
2708181-0000	Washer, Lock, 1/2, G	\$1.30
2708011-0000	Washer, Flat, 1/2 x 1 3/8, G5, G	\$1.30
2708291-0000	Washer, Flat, 5/8 x 1 3/4, G	\$1.30
2701994-0000	Bolt, Hx, 5/8 x 5, G5, G All Thread	\$6.50
2698241-0000	Bolt, Hx, 5/8 x 2 1/4, G8, G	\$5.20
2700031-0000	Bolt, Hx, 1/2 x 6, G2, G	\$2.60
2699841-0000	Bolt, Hx, 5/8 x 1 1/4, G	\$3.90

QUADGUARD LMC PARTS

<u>Model/Part#</u>	<u>Product/ Description</u>	<u>Price/Each</u>
<u>Backups</u>		
3540452-0000	Backup Assembly, Tension Strut 36"	\$2,366.00
3540393-0000	Backup Assembly, Tension Strut 69"	\$2,509.00
3540395-0000	Backup Assembly, Tension Strut 90"	\$2,652.00
<u>Cylinders</u>		
3509642-0000	Cylinders Assembly, 2Q 36"	\$1,469.00
3509643-0000	Cylinders Assembly, 3Q 36"	\$1,469.00
3509644-0000	Cylinders Assembly, 4Q 36"	\$3,770.00
3509645-0000	Cylinders Assembly, 5Q 36"	\$3,770.00
3509640-0000	Cylinders Assembly, 2Q 90"	\$1,469.00
3509641-0000	Cylinders Assembly, 2Q 69"	\$1,469.00
3509643-0000	Cylinders Assembly, 3Q 69/90"	\$1,469.00
3509644-0000	Cylinders Assembly, 4Q 69/90"	\$3,770.00
3509645-0000	Cylinders Assembly, 5Q 69/90"	\$3,770.00
<u>Nose Assembly</u>		
3540451-0*	Nose Assembly, 36" w/ cylinder,bkts & Hardware	\$4,979.00
3540459-0*	Nose Assembly, 69" w/ cylinder,bkts & Hardware	\$5,278.00
3540457-0*	Nose Assembly, 90" w/ cylinder,bkts & Hardware	\$5,278.00
2718042-0*	Nose Belt, Y or G F/ 36"	\$1,209.00
2718044-0*	Nose Belt, Y or G F/ 69"	\$1,300.00
2718043-0*	Nose Belt, Y or G F/ 90"	\$1,300.00
2021183-0000	Cylinder Rubber Nose, 36"/69"/90"	\$1,365.00
<u>Panels</u>		
3540040-0000	Fender Panel Assembly, Quad Beam - 36"	\$572.00
2760081-0000	Fender Panel, Quad Beam F/36"/69"/90"	\$585.00
3540472-0000	Fender Panel Assembly, Quad Beam - 69"/90"	\$728.00

* Denotes 0000-Gray, or 0100 Yellow

QUADGUARD LMC DIAPHRAGM ASSY.'S - 69"

<u>Model/Part#</u>	<u>Product/Description</u>	<u>Price/Each</u>
3540342-0753	Diaphragm Assy, QG, 753MM, 69"	\$1,209.00
3540342-0833	Diaphragm Assy, QG, 833MM, 69"	\$1,235.00
3540342-0913	Diaphragm Assy, QG, 913MM, 69"	\$1,274.00
3540342-0993	Diaphragm Assy, QG, 933MM, 69"	\$1,313.00
3540342-1073	Diaphragm Assy, QG, 1073MM, 69"	\$1,404.00
3540342-1153	Diaphragm Assy, QG, 1153MM, 69"	\$1,417.00
3540342-1233	Diaphragm Assy, QG, 1233MM, 69"	\$1,443.00
3540342-1313	Diaphragm Assy, QG, ELITE/lmc, 1313MM	\$1,482.00
3540342-1393	Diaphragm Assy, QG, 1393MM, 69"	\$1,495.00
3540342-1473	Diaphragm Assy, QG, 1473MM, 69"	\$1,508.00
3540342-1553	Diaphragm Assy, QG, 1533MM, 69"	\$1,521.00

QUADGUARD LMC DIAPHRAGM ASSY.;S - 90"

3540345-1233	Diaphragm Assy., QG, 1233MM, 90"	\$1,443.00
3540345-1313	Diaphragm Assy., QG, 1313MM, 90"	\$1,482.00
3540345-1393	Diaphragm Assy., QG, 1393MM, 90"	\$1,495.00
3540345-1473	Diaphragm Assy., QG, 1473MM, 90"	\$1,508.00
3540342-1553	Diaphragm Assy., QG, 1553MM, 90"	\$1,521.00
3540342-1633	Diaphragm Assy., QG, 1633MM, 90"	\$1,560.00
3540342-1729	Diaphragm Assy., QG, 1729MM, 90"	\$1,599.00
3540342-1793	Diaphragm Assy., QG, 1793MM, 90"	\$1,625.00
3540342-1873	Diaphragm Assy., QG, 1873MM, 90"	\$1,651.00
3540342-1953	Diaphragm Assy., QG, 1953MM, 90"	\$1,664.00
3540342-2033	Diaphragm Assy., QG, 2033MM, 90"	\$1,690.00

**REACT 350 SYSTEM
NARROW - 36"**

<u>Model/Part#</u>	<u>Product/Description</u>	<u>Price/Each</u>
43-B-036	44 MPH (70km/h), TL-2, 4 Cyl., 36" (910MM), w/ Steel B-up	\$26,000.00
43-C-036	44 MPH (70km/h), TL-2, 4 Cyl., 36" (910MM), w/ Conc B-up	\$25,480.00
55-B-036	55 MPH (90km/h), 6 Cyl., 36" (910mm), w/ Steel B- up	\$30,420.00
55-C-036	55 MPH (90km/h), 6 Cyl., 36" (910mm), w/ Conc B- up	\$30,160.00
62-B-036	62 MPH (100km/h), TL-3, 9 Cyl., 36" (910mm), w/ Steel B-up	\$34,190.00
62-C-036	62 MPH (100km/h), TL-3, 9 Cyl., 36" (910mm), w/ Conc B-up	\$33,930.00
70-B-036	68 MPH (110km/h), TL-3, 9 Cyl. "HS", 36" (910mm), w/ Steel B-up	\$39,650.00
70-C-036	68 MPH (110km/h), TL-3, 9 Cyl. "HS", 36" (910mm), w/ Conc B-up	\$39,260.00

**REACT 350 SYSTEM
NARROW - 36" - parts**

<u>Nose Options</u>		
<u>Model/Part#</u>	<u>Product/Description</u>	<u>Price/Each</u>
3535003-1000	Reflective Nose - Left	\$286.00
3535003-3000	Reflective Nose - Gore	\$286.00
3535003-2000	Reflective Nose - Right	\$286.00

Left and Right are also referred "Universal Noses"

<u>Anchoring Options</u>		
3525020-0000	Anchor, MP-3 kit, 3/4" x 7 1/2", Vertical	\$91.00
3525310-0000	Asphalt Anchor Kit, for React 350 Units option includes 18" threaded rods & MP-3 Kits	\$897.00

REACT 350 PARTS

<u>Model/Part#</u>	<u>Product/Description</u>	<u>Price/Each</u>
3535079-0000	1 Cover Assembly per Cylinder, includes vinyl cover and self-tapping screw	\$117.00
4701	Clear Delineator	\$14.30
3535055-0*00	Amber Delineator	\$14.30
4314	350.4 Top Cable (old unit)	\$598.00
4204	350.4 New backup, Single Cable	\$715.00
4316	350.6 Top Cable (old unit)	\$650.00
4206	350.6 New Backup, Single Cable	\$910.00
4319	350.9 Top Cable (old unit) - 31'3"	\$1,027.00
4209	350-9 New Backup, Single Cable	\$1,131.00
4319	350 HS Top Cable (old unit)	\$1,027.00
4311	350.11 Cylinder - New Cable	\$1,521.00
3535005-0140	350.4 Cable System for Side Mount	\$2,132.00
4304	350.4 Bottom Cable	\$585.00
3535005-0160	350.6 Cable System for Side Mount	\$2,600.00
4306	350.6 Bottom Cable	\$611.00
3535005-0190	350.9 Cable System for Side Mount	\$2,899.00
4309	350.9 Bottom Cable, 30'3"	\$1,014.00
4361	Side Mount Anchor/ Cable Anchor Cover Plate (Concrete Backup - Transition	\$832.00
3535005-0210	350.11 Cable for Side Mount (2)	\$3,653.00
4330	3/4" Wedge Ferrule for Side Mount (2)	\$208.00
3535044-0000	Cable Strap Assembly, Self-Contained Backup	\$23.40
3535045-0000	Cable Strap Assembly, Concrete Backup	\$42.90
4309	350 HS Bottom Cable (old unit)	\$1,014.00
4211	350 HS 11 Cylinder, Bottom Cable	\$1,521.00
3535003-1000	Reflective Nose - Left	\$286.00
3535003-3000	Reflective Nose - Gore	\$286.00
3535003-2000	Reflective Nose - Right	\$286.00
4731	Retainer Plate	\$58.50
3535032-0000	Pullout Bracket Assembly	\$160.00
4751	3" x 3" Tubing	\$73.00
2765020-0000	Galvanized Stabilizer Bar	\$203.00
2765014-0000	Galvanized Front Tube (Box Beam, 8" x 6" x 3/	\$117.00
2752024-0000	1/2" Chain	\$87.10
4720	Transition Plate	\$520.00
4100	Replacement Cylinders (Specify material thickn	\$2,288.00
2765033-0000	Pin, Restraining Cable	\$5.90
2698021-0000	Bolt, Hx, 1/4 x 2 1/2, G5, P	\$1.50
2704232-0000	Nut, Hx, Lock 1/4, G8, P	\$1.40
3535044-0000	Cable Retainer Assembly- per Cylinder	\$104.00
3535042-0400	Cable per side, for Self Contained, Steel Backu	\$585.00
3535042-0600	Cable per side, for Self Contained, Steel Backu	\$871.00
3535042-0900	Cable per side, for Self Contained, Steel Backu	\$1,157.00

**Type F: QuadTrend 350
Energy Absorption Systems**

QuadTrend 350 System

<u>Model/Part#</u>	<u>Product/Description</u>	<u>Price/Each</u>
QT350ESY	QuadTrend, w/ Endshoe, Yellow	\$4,459.00
QT350ESG	QuadTrend, w/ Endshoe, Gray	\$4,459.00
QT350TY	QuadTrend, w/out Transition, Yellow	\$3,692.00
QT350TG	QuadTrend, w/out Transition, Gray	\$3,692.00

QuadTrend 350 Parts

<u>Model/Part#</u>	<u>Product/Description</u>	<u>Price/Each</u>
850206L-0000	Transition Assembly, 4" Left	\$754.00
850206R-0000	Transition Assembly, 4" Right	\$754.00
8508021-0100	Belt Nose Assembly (yellow)	\$295.00
2760081-0000	Fender Panel, Quad Beam F/36"/69"/90"	\$585.00
2760273-0000	QuadTrend Endshoe, Panel	\$585.00
2756011-0000	Post #1	\$135.20
2756021-0000	Post #2	\$118.30
2756111-0000	Base, Slip (Post #1, #2, #3, #4, #5, #6)	\$117.00
2756042-0000	Blockout, Trend, QG, G	\$65.00
2708841-0000	Washer, Mushroom, Forged, QG, G	\$31.20
2020941-0000	Container, Sand, 150lbs	\$84.50
2020951-0000	Container, Sand, 100 lb	\$68.90
2701381-0000	Bolt, Hex, 3/4"x2", Grade 2, G	\$4.55
2760504-0000	Clamp, Belt, LMC	\$20.80
2756291-0000	Strap, Back, 78 1/8"	\$76.70
2756331-0000	Strap, Back System to Barrier, 88, QT -350	\$76.70
2756341-0000	Strap, Pivot, QT -350	\$15.60
2756141-0000	Strap, Pivot, Mushroom Bolt	\$15.60
2756081-0000	Plate Bolt Keeper	\$16.90
2756351-0000	Spacer, Tube, QT- 350	\$15.60
2704031-0300	Nut, HX, 3/8", S	\$0.55
2701731-0000	Bolt, Flat, 5/8"x3", Grade 8, Allen Socket, G	\$6.50
2708291-0000	Washer, Flat, 5/8"x1-3/4, G	\$1.30
2704141-0000	Nut, HX, 5/8", G	\$0.55
2699341-0000	Bolt, Rail, 5/8", G	\$2.60
2704191-0000	Nut, HX, 5/8", G, Rail	\$1.60
2699081-0500	Bolt, HX, 5/8"x1-1/2", G5, G	\$1.60
2701651-0000	Bolt, Hex 3/4"x1-1/2", Grade 2, G	\$3.20
2701621-0000	Bolt, Hex, 3/4"x2-1/2", Grade 2, G	\$3.20
2704091-0000	Nut, HX, 3/4", G	\$1.30
2708081-0000	Washer, Flat, 3/4"x2", HVY, G	\$1.30
2701021-0300	Bolt, HX, 3/8" x 1-1/2", G2, S	\$1.60
2708321-0300	Washer, Flat, 3/8"x 1-1/2", S	\$1.60

Type E: Sand Barrels Energy Absorption Systems

ENERGITE III - INERTIAL BARRIER SYSTEM

<u>Model/Part#</u>	<u>Product/Description</u>	<u>Price/Each</u>
2731191-01000	ENERGITE III, 640kg (1400lb) Container Only	\$219.88
2731201-0000	ENERGITE III, 90kg/180kg (200/400lb) Inner Cone	\$24.04
2731271-0000	ENERGITE III, 320 kg (700lb) Inner Cone	\$24.04
2731241-0200	ENERGITE III Lid Only	\$24.04
2731261-0100	ENERGITE III 960 kg (2100lb), Container Only	\$219.88
	SAND - per lb	\$0.07

NOTE: All containers are YELLOW
All lids are BLACK

Great System Energy Absorption Systems

G-R-E-A-T SYSTEM STANDARD BACKUPS

<u>Model/Part#</u>	<u>Product/Description</u>	<u>Price/Each</u>
384101**-0000	Backup Assembly, Tension Strut	\$3,426.00
<p>NOTE: To complete the part number insert numbers of bays and width of unit— (N)arrow, (M)edium, (W)ide. All units with T/S Backup must have EITHER 2 side panels or transition panel with side panel on the opposite side</p>		
(A)	Backup Assembly, New Jersey Attached One-Way Traffic on New Jersey Barrier, CENTERED	
3821121-0000	2'0" Wide-Barrier Width at top 6"	\$2,973.00
3821031-0000	2'0" Wide-Barrier Width at top 6-16"	\$2,973.00
3821123-0000	2'0" Wide-Barrier Width at top 16-18"	\$2,973.00
3821012-0000	2'6" Wide-Barrier Width at top 6-12"	\$3,120.00
3821032-0000	2'6" Wide-Barrier Width at top 12-22"	\$3,120.00
3821013-0000	3'0" Wide-Barrier Width at top 12-18"	\$3,426.00
3821033-0000	3'0" Wide-Barrier Width at top 18-28"	\$3,426.00
(B)	Backup Assembly, New Jersey Attached, Two-Way Traffic, LEFT SIDE includes 4" Offset Transition Panel	
3821021-0000	2'0" Wide-Barrier Width at top 6-10"	\$4,013.00
3821051-0000	2'0" Wide-Barrier Width at top 10-16"	\$4,013.00
3821022-0000	2'6" Wide-Barrier Width at top 6-10"	\$4,159.00
3821052-0000	2'6" Wide-Barrier Width at top 10-17"	\$4,159.00
3821102-0000	2'6" Wide-Barrier Width at top 16-22"	\$4,159.00
3821053-0000	3'0" Wide-Barrier Width at top 10-15"	\$4,319.00
3821113-0000	3'0" Wide-Barrier Width at top 17-23"	\$4,319.00
3821103-0000	3'0" Wide-Barrier Width at top 22-28"	\$4,319.00
(C)	Backup Assembly, New Jersey Attached, Two-Way Traffic, RIGHT SIDE includes 4" Offset Transition Panel	
3821041-0000	2'0" Wide-Barrier Width at top 6-10"	\$4,013.00
3821042-0000	2'6" Wide-Barrier Width at top 6-10"	\$4,159.00
3821132-0000	2'6" Wide-Barrier Width at top 10-17"	\$4,159.00
3821133-0000	3'0" Wide-Barrier Width at top 17-23"	\$4,319.00

G-R-E-A-T SYSTEM STANDARD BACKUPS

<u>Model/Part#</u>	<u>Product/ Description</u>	<u>Price/Each</u>
	Wide Flange	
	Backup Assembly,	
3831011-0000	2'0" Wide	\$2,973.00
3831012-0000	2'6" Wide	\$3,120.00
3831013-0000	3'0" Wide	\$3,426.00
	Backup Assembly, One-Way Traffic	
	Concrete	
3801010-0000	2'0" Wide	\$1,187.00
	2'6" Wide	\$1,333.00
	3'0" Wide	\$1,493.00

G-R-E-A-T SYSTEM PARTS

<u>Model/Part#</u>	<u>Product/ Description</u>	<u>Price/Each</u>
3509510-0000	Cartridge, Hex-Foam II, Type 51	\$787.00
3519061-0000	Diaphragm Assy., Thrie Beam, 24"	\$1,067.00
3519062-0000	Diaphragm Assy., Thrie Beam, 30"	\$1,147.00
3519063-0000	Diaphragm Assy., Thrie Beam, 36"	\$1,240.00
3502080-0000	Nose Assembly, G-R-E-A-T,	\$667.00
3502080-0100	Nose Assembly, G-R-E-A-T,	\$667.00
2714890-0000	Nose Support Leg Assembly	\$44.00
2020811-0000	Nose Wrap (Cover Only),	\$627.00
2020811-0100	Nose Wrap (Cover Only),	\$627.00
275207LR-0000	Deflector Assy., Thrie Beam, for Units w/ Concrete Backup	\$374.00
2752111-0000	Panel, Side for units w/ Steel Backup	\$107.00
2752121-0000	Panel, Side for units w/ Concrete Backup	\$107.00
2738111-0000	Panel, Thrie Beam, Fender	\$654.00
2752431-0000	End Shoe, Thrie Beam	\$414.00
275207LR-0000	Deflector Assy., Thrie Beam, for Units w/ Concrete Backup	\$374.00
 <u>Cable Anchor Assembly & Restaining Cable</u>		
3506090-0400	4 - Bay G-R-E-A-T	\$1,827.00
3506090-0500	5 - Bay G-R-E-A-T	\$1,907.00
3506090-0600	6 - Bay G-R-E-A-T	\$1,960.00
3506090-0700	7 - Bay G-R-E-A-T	\$2,053.00
3506090-0800	8 - Bay G-R-E-A-T	\$2,107.00
3506090-0900	9 - Bay G-R-E-A-T	\$2,227.00
3506090-1000	10 - Bay G-R-E-A-T	\$2,293.00
3506090-1100	11 - Bay G-R-E-A-T	\$2,320.00
3506090-1200	12 - Bay G-R-E-A-T	\$2,373.00
 <u>Restraining Cable</u>		
2742231-0000	3 - Bay G-R-E-A-T	\$787.00
2742111-0000	4 - Bay G-R-E-A-T	\$827.00
2742112-0000	5 - Bay G-R-E-A-T	\$907.00
2742113-0000	6 - Bay G-R-E-A-T	\$987.00
2742114-0000	7 - Bay G-R-E-A-T	\$1,027.00
2742115-0000	8 - Bay G-R-E-A-T	\$1,120.00
2742116-0000	9 - Bay G-R-E-A-T	\$1,240.00
2742117-0000	10 - Bay G-R-E-A-T	\$1,280.00
2742118-0000	11 - Bay G-R-E-A-T	\$1,307.00
2742119-0000	12 - Bay G-R-E-A-T	\$1,373.00

G-R-E-A-T SYSTEM PARTS

<u>Model/Part#</u>	<u>Product/ Description</u>	<u>Price/Each</u>
<u>Bracket Assemblies</u>		
2752580-0000	Bracket Assy, Cartridge Support Diaphragm w/ Hardware	\$134.00
2752600-0000	Bracket Assy, Cartridge Support Concrete Backup w/ Hardware	\$280.00
2752590-0000	Bracket Assy, Cartridge Support Tension Strut or CZ Backup w/ Hardware	\$107.00
2752590-0100	Bracket Assy, Cartridge Support Wide Flange Backup w/ Hardware	\$107.00
<u>Cable Anchor Assembly</u>		
2709250-0000	Drivable Pile Anchor, CZ (6-Bay only)	\$5,399.00
350623R-0000	Cable Anchor Assy, 3-Bay CZ Retrofit	\$2,027.00
3506230-0000	Cable Anchor Assy, 3-Bay CZ	\$1,640.00
3506210-0300	Cable Anchor Assy, 3-Bay Permanent	\$1,960.00
3506120-0000	Cable Assembly, CZ, 6- Bay	\$1,000.00
3506130-0000	Cable Assy., CZ, Retrofit,	\$2,160.00
350623R-0000	Cable Anchor Assy, CZ Retrofit	\$2,027.00
3506230-0000	Cable Anchor Assy, CZ	\$1,640.00
3506210-0300	Cable Anchor Assy, 3 Bay, Perm.	\$1,960.00
2753251-0000	Anchor, Cable, Stud End -	\$334.00
2752391-0000	Anchor, Cable, Stud End -	\$334.00
3518070-0000	Anchor Pin Assembly	\$40.00
2753240-0000	Guide, Cable Assy, G-R-E-A-T (all Widths)	\$214.00
<u>Transition Panels</u>		
275232A-0000	Panel Assy, Extension, Thrie Beam Guardrail to Backup on Uni-directional traffic side	\$854.00
275232B-0000	Panel Assy, Extension, Thrie Beam Guardrail to Backup on Bi-directional traffic side	\$894.00
275216A-0000	Panel Assy, Transition, Thrie Beam Guardrail to W-Section on Uni-directional traffic side	\$1,640.00
275216B-0000	Panel Assy, Transition, Thrie Beam Guardrail to W-Section on Bi-directional traffic side	\$1,800.00
275224L-0000	Transition Panel Assy, 4" Offset, Left	\$1,107.00
275224R-0000	Transition Panel Assy, 4" Offset, Right	\$1,107.00
275383L-0000	Transition Panel Assy, 7-1/2" Offset, Left	\$1,107.00
275383R-0000	Transition Panel Assy, 7-1/2" Offset, Right	\$1,107.00
275236L-0000	Transition Panel Assy, 9" Offset, Left	\$1,107.00
275236R-0000	Transition Panel Assy, 9" Offset, Right	\$1,107.00

G-R-E-A-T SYSTEM PARTS

<u>Model/Part#</u>	<u>Product/Description</u>	<u>Price/Each</u>
<u>RAILS</u>		
3518040-0100	Chain Rail Assembly, 1 - Bay	\$734.00
3518040-0200	Chain Rail Assembly, 2 - Bay	\$920.00
3518040-0300	Chain Rail Assembly, 3 - Bay	\$1,027.00
3518040-0400	Chain Rail Assembly, 4 - Bay	\$1,800.00
3518040-0500	Chain Rail Assembly, 5 - Bay	\$1,960.00
3518040-0600	Chain Rail Assembly, 6 - Bay	\$2,133.00
3518040-0700	Chain Rail Assembly, 7 - Bay	\$2,946.00
3518040-0800	Chain Rail Assembly, 8 - Bay	\$3,106.00
3518040-0900	Chain Rail Assembly, 9 - Bay	\$3,266.00
3518040-1000	Chain Rail Assembly, 10 - Bay	\$3,933.00
3518040-1100	Chain Rail Assembly, 11 - Bay	\$4,906.00
3518040-1200	Chain Rail Assembly, 12 - Bay	\$5,732.00
2722031-0000	Rail, Chain, 35"	\$374.00
2722032-0000	Rail, Chain, 70"	\$467.00
2722033-0000	Rail, Chain, 107"	\$494.00
2722035-0000	Rail, Chain, 36"	\$414.00
2722036-0000	Rail, Chain, 72"	\$494.00
2722037-0000	Rail, Chain, 108"	\$494.00
<u>SNOW SHEILDS</u>		
351112*-0000	Snow Shield Assembly	
	1 to 3 - Bays	\$1,467.00
	4 to 6 - Bays	\$1,960.00
	7 to 9 - Bays	\$2,453.00
	10 to 12 - Bays	\$2,613.00
NOTE: * To Complete part number, insert number of bays and width of unit-- (N)arrow, (M)edium, (W)ide.		
<u>MISCELLANEOUS</u>		
2732091-0000	Galvanizing, Cold, Spray, Can 7 oz	\$17.90
2752901-0000	Guardrail, Standards, 162" (price/p/ft)	\$55.10
2752021-0000	Chain, Proof Coil, 1/2", 9 Links	\$19.40
2752013-0000	Bolt Assembly, Mushroom	\$58.00
2752650-0000**	Mushroom Bolt Deflector Assembly	\$0.00
2702101-0000	Pin, Clevis, 5/8"x2"	\$13.30
2702111-0000	Pin, Keeper (for 5/8" Clevis Pin)	\$4.40

NOTE: ** This Part must be orders when ordering
part number 2752013-000, Bolt Assembly, Mushroom

*** Price for this part is included with part
number 2752013-0000

G-R-E-A-T SYSTEM PARTS

3-BAY & 6-BAY SPARE PARTS PACKAGES

<u>Model/Part#</u>	<u>Product/Description</u>	<u>Price/Each</u>
12030PN-0000	G-R-E-A-T, 3 - Bay , Narrow, Gray	\$7,852.00
12030PM-0000	G-R-E-A-T, 3 - Bay , Medium, Gray	\$7,852.00
12030PW-0000	G-R-E-A-T, 3 - Bay , Wide, Gray	\$7,852.00
12030PN-0100	G-R-E-A-T, 3 - Bay , Narrow, Yellow	\$7,852.00
12030PM-0100	G-R-E-A-T, 3 - Bay , Medium, Yellow	\$7,852.00
12030PW-0100	G-R-E-A-T, 3 - Bay , Wide, Yellow	\$7,852.00
12060PN-0000	G-R-E-A-T, 6-Bay, Narrow, Gray	\$10,304.00
12060PM-0000	G-R-E-A-T, 6-Bay, Medium, Gray	\$10,304.00
12060PW-0000	G-R-E-A-T, 6-Bay, Wide, Gray	\$10,304.00
12060PN-0100	G-R-E-A-T, 6-Bay, Narrow, Yellow	\$10,304.00
12060PM-0100	G-R-E-A-T, 6-Bay, Medium, Yellow	\$10,304.00
12060PW-0100	G-R-E-A-T, 6-Bay, Wide, Yellow	\$10,304.00

Hex Foam Sandwich System Energy Absorption Systems

Hex Foam Sandwich System

Interwest Safety (Distributor) and Energy Absorption Systems (Manufacturer) are unable to provide a firm price and availability of parts for this type system.

It is our recommendation that the existing HFSS's be upgraded to an NCHRP 350 approved system as soon as budgets allow.

Until such time, Interwest Safety will work closely with UDOT to provide pricing and availability of parts as the need arises.

Trend - 230 System
Energy Absorption Systems

TREND 230 PARTS

<u>Model/Part#</u>	<u>Product/Description</u>	<u>Price/Each</u>
<u>TRANSITION PANELS</u>		
275216T-0100	Trans. Assy, T/B -W, Beam - Option "B"	\$1,300.00
275224T-0100	Trans. Panel w/ 4" Offset, LEFT - Option "C"	\$867.00
275224T-0200	Trans. Panel w/4" Offset, RIGHT - Option "C"	\$867.00
275243T-0000	Trans. Assy, TB-End Shoe - Option "A"	\$520.00
<u>ANCHORS</u>		
2744131-0000	Anchor, Cable, Embedded (included)	\$240.00
2753250-0000	Anchor Assy, Cable, Plate (option) (2 required, 1 Front & 1 Rear)	\$374.00
<u>CABLE</u>		
2742181-0000	Cable, Redirecting, 300" (25ft) (included)	\$454.00
<u>FENDER PANEL</u>		
2738111-0000	Panels, Thrie Beam, Fender	\$695.00
<u>OPTIONAL ACCESSORY</u>		
2752820-0000	Post/Blockout Assy, Wide Flange	\$160.00
<u>NOSE</u>		
2020931-0000	Cover, Nose, Thrie Beam End	\$107.00
8008011-0100	Belt Nose Assembly	\$295.00
<u>POSTS</u>		
2756011-0000	Post #1	\$139.00
2756021-0000	Post #2, #3, #4, #5 or #6	\$122.00
2756041-0000	Blockout for Post #1- #6	\$32.00
<u>SAND CONTAINERS</u>		
2020951-0000	Container, Sand 100lbs	\$71.00
2020941-0000	Container, Sand, 150lbs	\$87.00
<u>SLIP BASES</u>		
2756111-0000	Base, Slip (Post #1, #2, #3, #4, #5, #6)	\$120.00
2756081-0000	Plate, Bolt Keeper	\$17.50
<u>BACKSTRAPS</u>		
2756291-0000	Backstrap 78" Front/Back Strap (NEW) 36" Spacing, (Straight)	\$79.00
2756281-0000	Backstrap 100" Back/Back Strap (NEW) 36" Spacing, (Bent)	\$104.00
2756131-0000	Backstrap 79" Front/Back Strap 2 (OLD) 37-1/2" Spacing	\$158.00
2756132-0000	Backstrap 87" Back/Back Strap 1	\$190.00

Sentre System Energy Absorption Systems

SENTRÉ SYSTEM

<u>Model/Part#</u>	<u>Product/Description</u>	<u>Price/Each</u>
S80MP	Sentre Assembly with MP-3 Anchor Bolts for Concrete Foundation	\$ 2535.00

SENTRÉ PARTS

<u>Model/Part#</u>	<u>Product/ Description</u>	<u>Price/Each</u>
<u>ANCHORS</u>		
2752781-0000	Anchor, Guardrail Tensioning, Embedded ("J" Hook - option)	\$360.00
2744131-0000	Anchor, Cable, Redirecting Embedded (2 required, 1 Front & Rear)	\$240.00
2753250-0000	Anchor Assy, Cable, Plate (option) (2 required, 1 Front & 1 Rear)	\$374.00
<u>BRACKETS</u>		
2752870-0000	Bracket Assy, Cable Tension w/hardware (Thrie Beam to W-Section)	\$160.00
2752770-0000	Bracket Assy, Cable Tension w/hardware (Thrie Beam to Thrie Beam)	\$160.00
<u>CABLES</u>		
2742181-0000	Cable, Redirecting, 300" (included)	\$454.00
2742190-0000	Cable Assy, Tensioning, Guardrail w/ 4 cable clips, 10' Long	\$454.00
<u>DPA ASSEMBLY PARTS</u>		
2756161-0000	Plate, Skid, DPA	\$174.00
2756171-0000	Plate, Adapter, DPA	\$374.00
2756231-0000	Anchor, Cable, Bridge, DPA, Left	\$80.00
2756232-0000	Anchor, Cable, Bridge, DPA, Right	\$80.00
2756221-0000	Anchor, Cable, DPA, Front	\$174.00
2756241-0000	Anchor, Cable, DPA, Rear	\$200.00
2753061-0000	Anchor, Drivable pile w/ hardware (1 required post - option)	\$640.00

SENTRÉ PARTS

<u>Model/Part#</u>	<u>Product/Description</u>	<u>Price/Each</u>
<u>PANELS</u>		
2738111-0000	Panel, Thrie Beam, Fender	\$694.00
2752880-0000	Panel Assy, Transition w/hardware (Thrie Beam to W-Section)	\$694.00
2752870-0000	Bracket Assy, Cable Tension, TB-W	\$160.00
2752760-0000	Panel Assy, Transition w/hardware (Thrie Beam to Thrie Beam)	\$267.00
2752770-0000	Bracket Assy, Cable Tension, TB-to-TB	\$160.00
<u>NOSE</u>		
2020931-0000	Cover, Nose, Thrie Beam End	\$107.00
<u>POSTS</u>		
2752820-0000	Post, Steel, 6" w/ Wide Flange Blockout for Thrie Beam Rail, w/hardware	\$160.00
2752830-0000	Post, Steel, 6" w/ Wide Flange Blockout for W-Section Rail, w/hardware	\$134.00
2756011-0000	Post #1	\$139.00
2756021-0000	Post #2	\$122.00
2756031-0000	Post #3, #4 or #5	\$104.00
2756041-0000	Blockout for Post #1- #5	\$32.00
<u>SAND CONTAINERS</u>		
2020951-0000	Container, Sand, 100lbs	\$71.00
2020941-0000	Container, Sand, 150lbs	\$87.00
<u>SLIP BASES</u>		
2756061-0000	Plate, Base, Post #1 or #2	\$52.00
2756071-0000	Plate, Base, Post #3, #4, or #5	\$35.00
2756081-0000	Plate, Bolt Keeper	\$18.00

3.1.3.2 MANPOWER COST

MOBILIZATION:

Interwest Safety will charge a fee of \$1.35 per mile in each direction for any material deliveries or service/repairs to systems located outside of a one hundred (100) mile radius of our Provo, Utah location.

HOURLY RATE:

Interwest Safety will charge an hourly rate of \$110.00 per man hour to perform maintenance, repairs, assembly and installation of all crash cushions (impact attenuators) and end treatments. This fee will include all tools, equipment and traffic control (other than TMA trucks) required during service/repair operations.

TRUCK MOUNTED ATTENUATORS (TMA)

Interwest Safety will charge a rate of \$350.00 per day and/or \$30.00 per hour for rental of TMA. This price includes delivery to job site, unless job site is outside of the one hundred (100) mile radius of Provo, Utah. Mobilization charges as shown above will apply to the TMA truck delivers beyond the one hundred (100) mile radius.